



For: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES

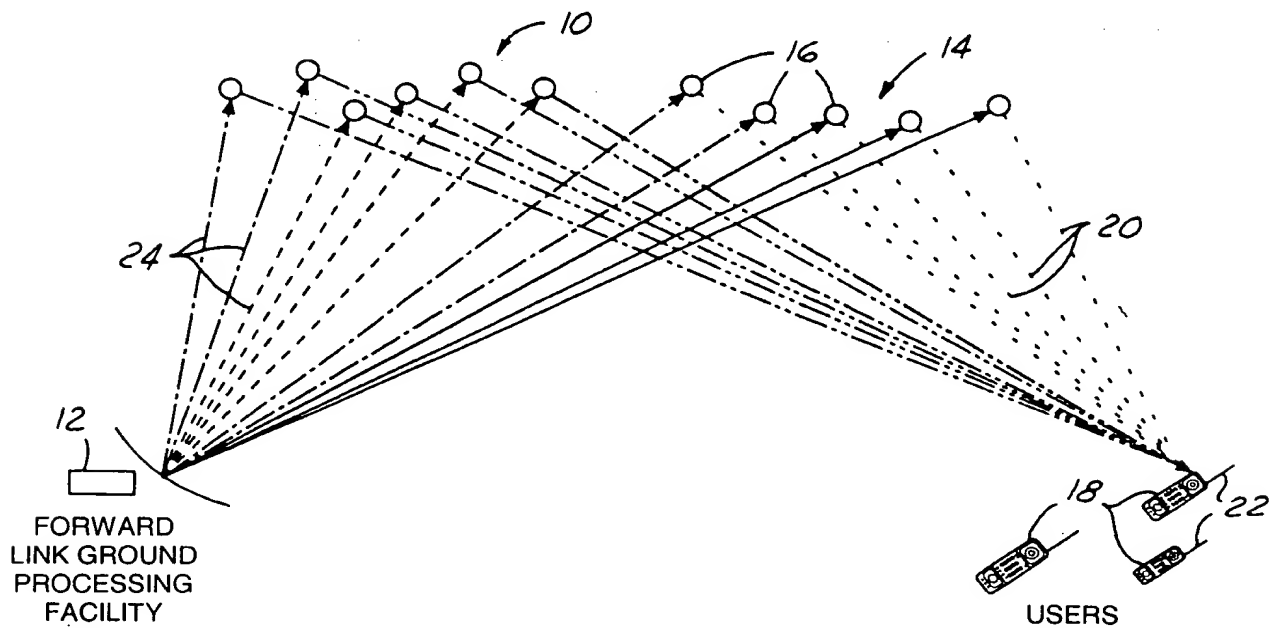


FIG. 1

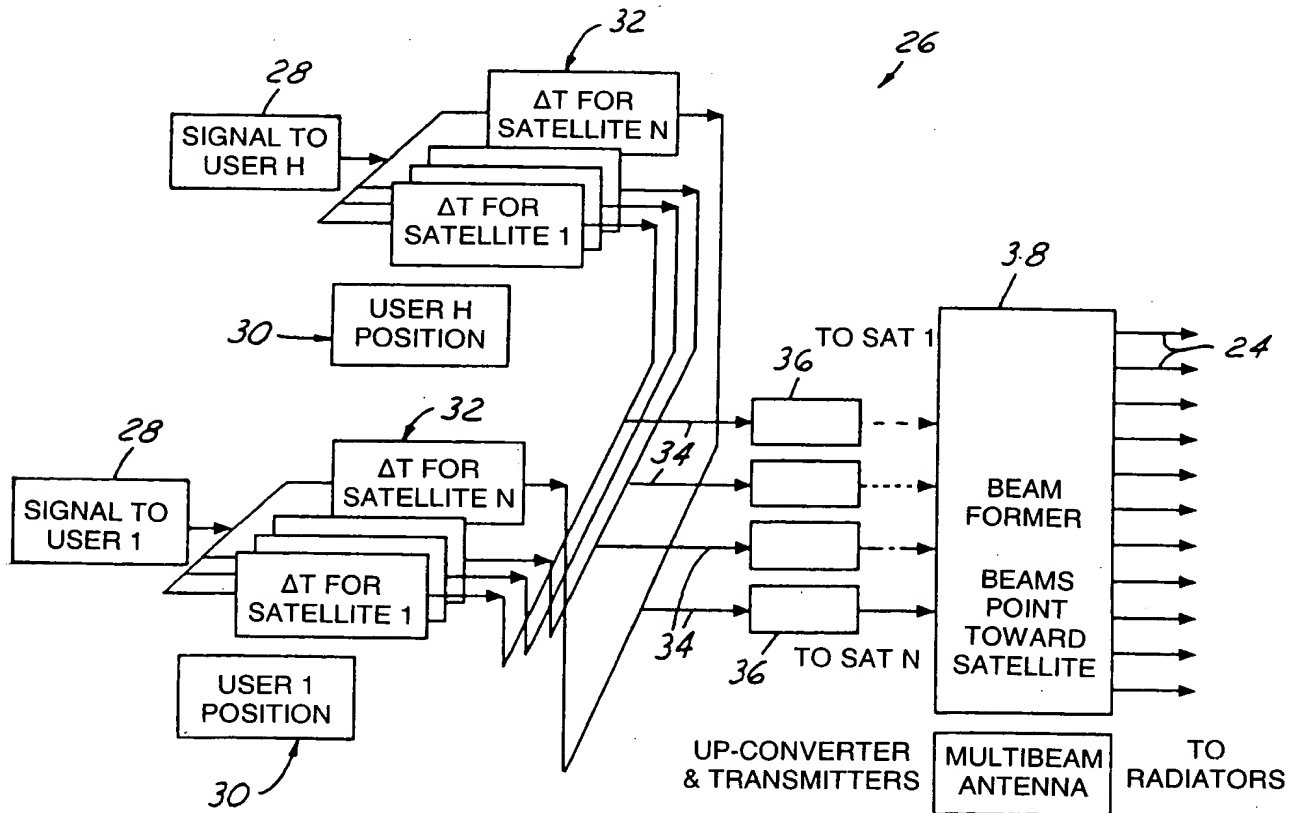


FIG. 2



For: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES

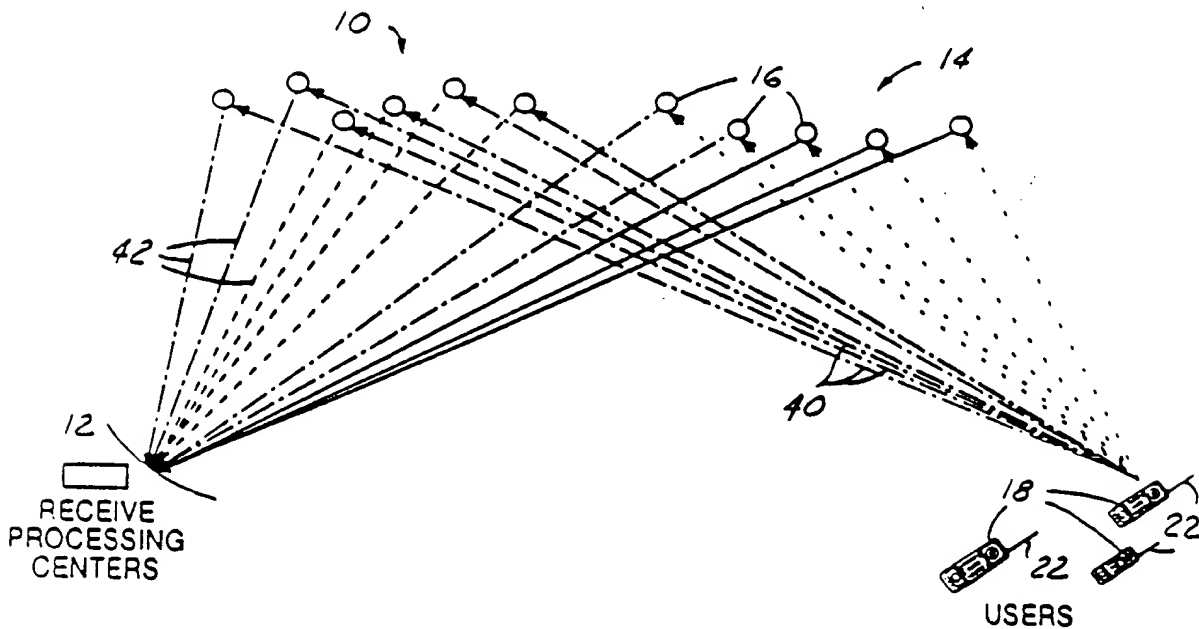


FIG. 3

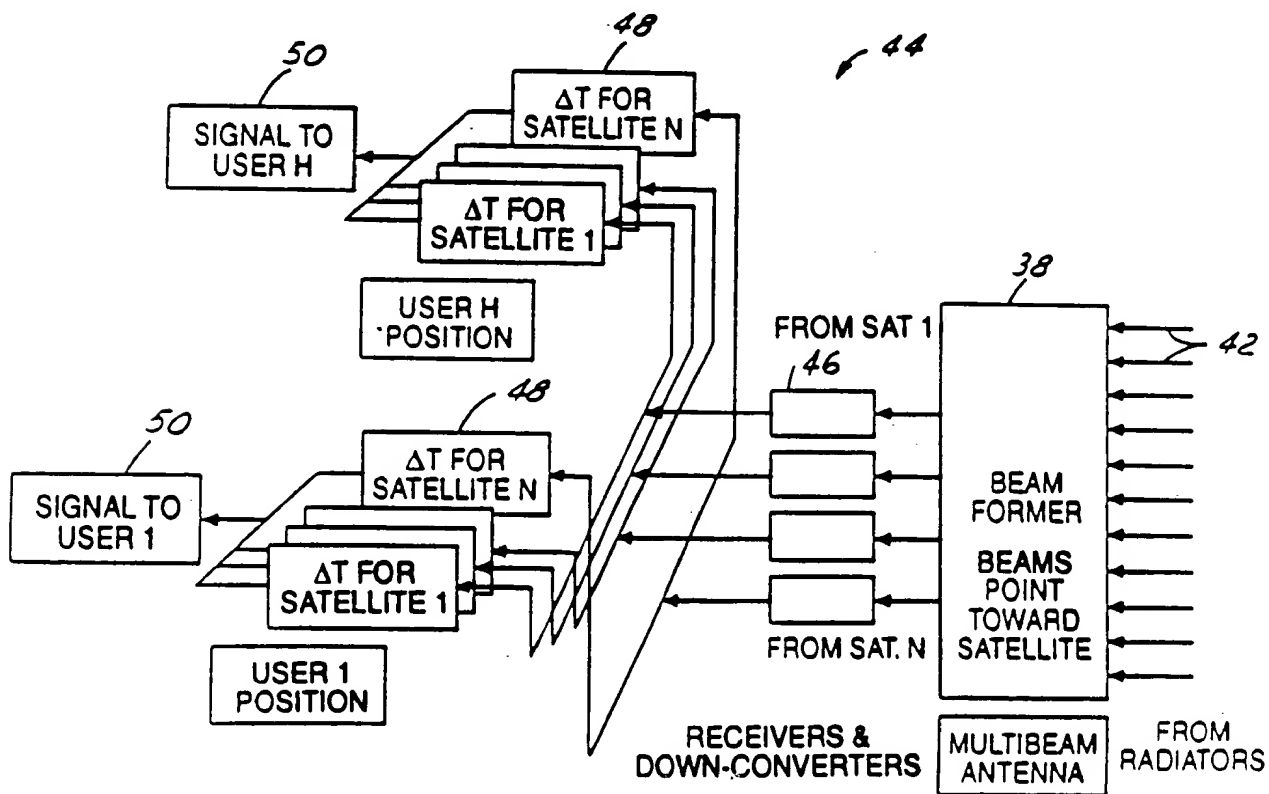


FIG. 4



Drawing Sheet Fig. 5

Sheet 3 of 5

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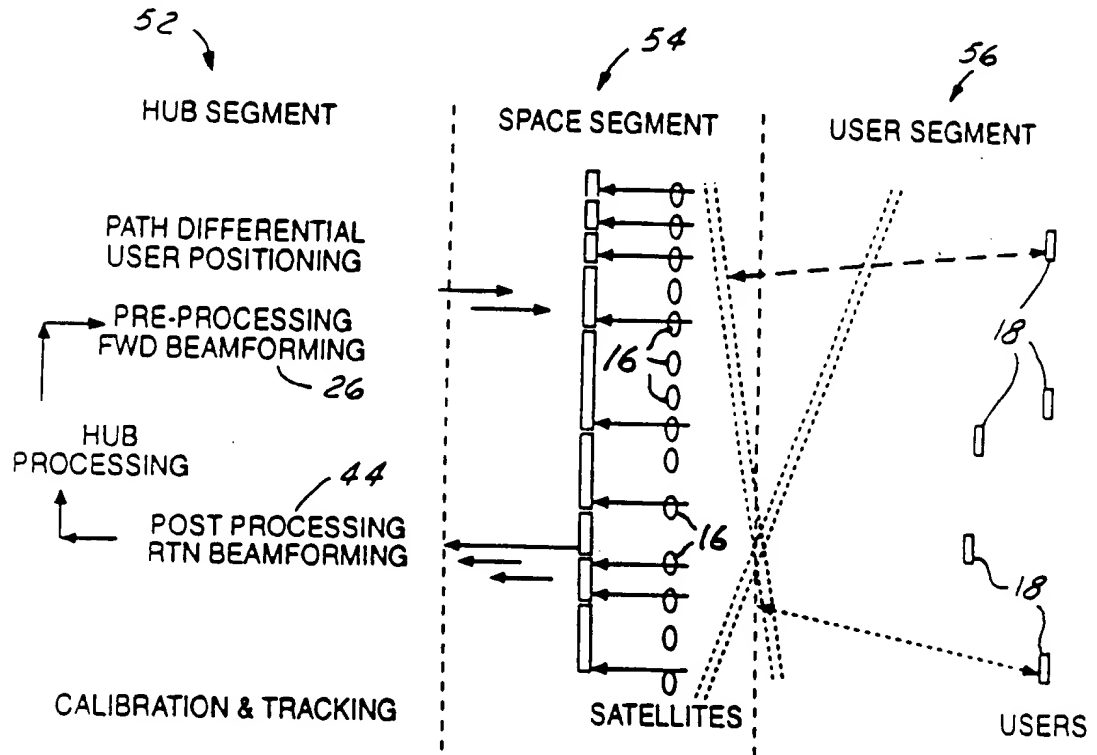


FIG. 5

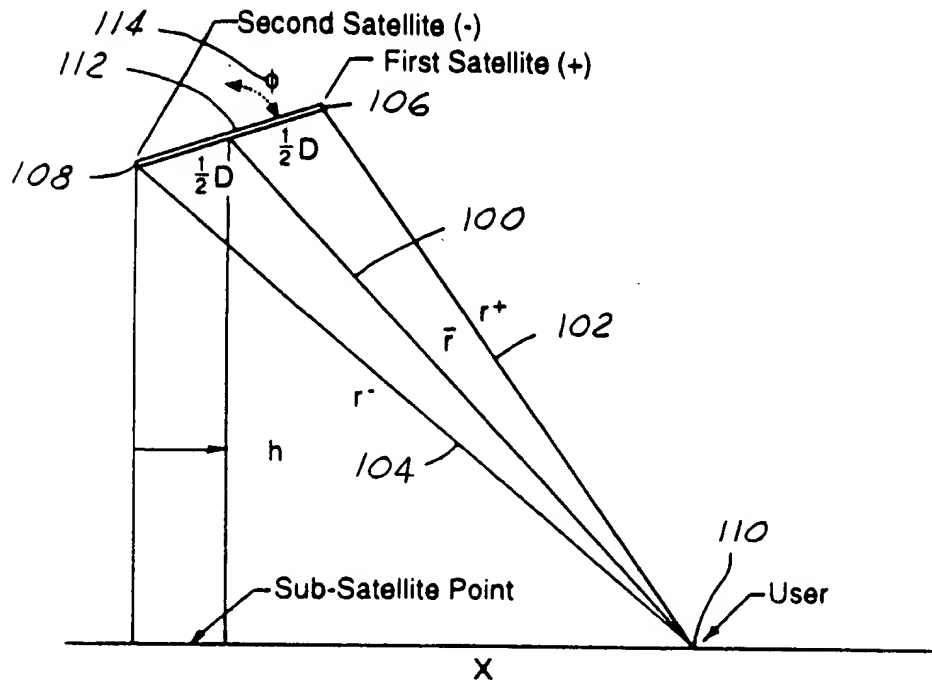


FIG.6

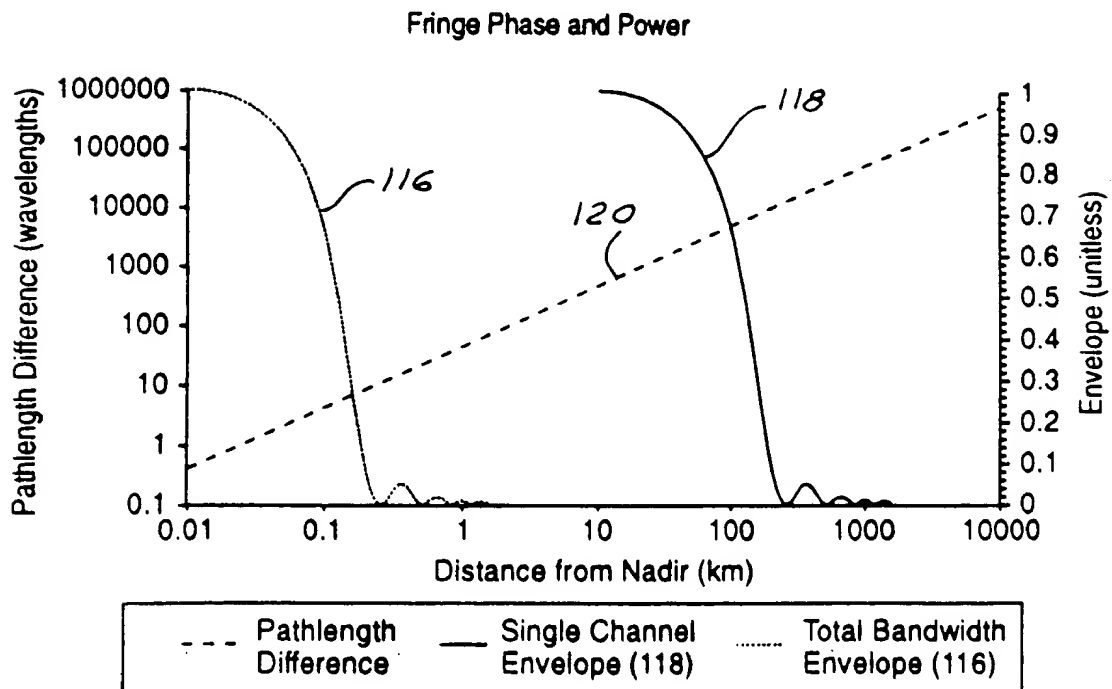


FIG.7



For: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING MULTIPLE GEO SATELLITES

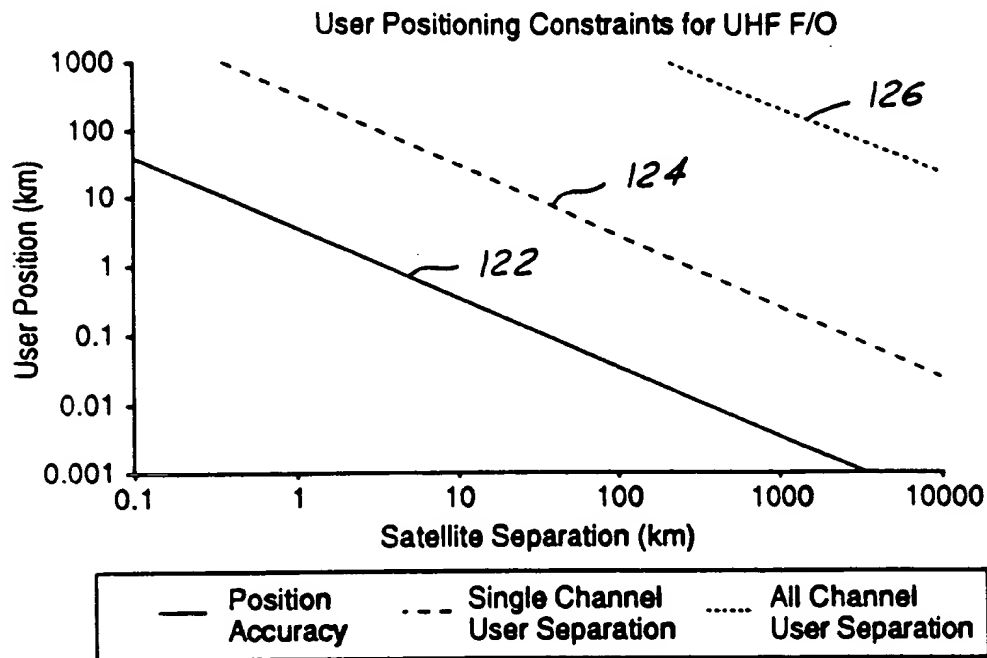
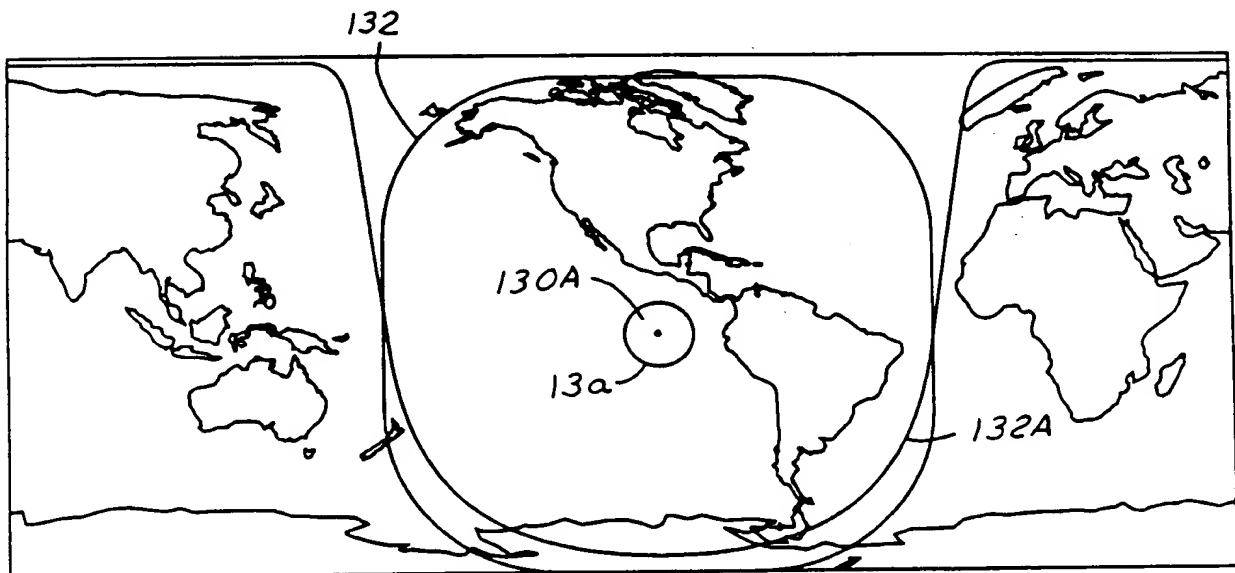


FIG.8



Orbital Parameters:

Altitude:

Longitude of Asending Node:

Inclination (i):

Eccentricity:

Argument of Perigee

Sat0

GEO

100°W

0°

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Sat1

GEO

110°W

10°

0.087 = $\sqrt{2}$

90°

FIG.9